
Glenn A. Osga, Ph.D.



**Senior Technologist, Decision Optimization
Technology
Space and Naval Warfare Systems Center Pacific**

In January 2010, Dr. Glenn Osga was appointed as the Senior Technologist for Decision Optimization Technology at the Space and Naval Warfare Systems Center, Pacific (SSC PAC), San Diego, Calif. He is a technical visionary of research and development projects in command and control information systems, primarily human-computer interface, decision support models, cognitive aiding, and human factors engineering. He is the Principle Investigator for the Office of Naval Research Capable Manpower Future Naval Capability, Mission Performance Optimization project, and the Capable Manpower Unmanned Surface Vehicles HCI for Amphibious Operations project. In addition, he is the Co-Principal Investigator for the Office of Naval Research Discovery and Innovation project, Cognitive Models for Rapid Prototyping, and the Human Performance Training and Education Program, Unmanned Ground Robot Man-Machine Interface project.

Dr. Osga first joined SSC PAC in 1983 as a scientist, providing human factors psychology expertise in human-computer interface, decision support systems, and command and control systems. Since 1993, Dr. Osga has performed as Chief Scientist and Business Area Manager for Decision Optimization Solutions. He has accumulated 34 years of science and technology research experience in industry and government with an impact on major weapons and command systems both ashore and afloat. Dr. Osga has served as the Navy representative on several NATO Research & Technology Organization working groups and serves as a mentor to new professionals in the SSC PAC workforce. Dr. Osga has authored numerous publications in Human Factors and Ergonomics literature, Navy technical reports, briefings, conferences and working group presentations, many to national and international VIP visitors. Since 1979, he has been a member of the Human Factors & Ergonomics Society. In 2003, he contributed a chapter on human-systems integration for the book, Human-Centered Shipboard Systems and Operations.

Dr. Osga was awarded the SSC PAC Science and Technology Excellence Award in 2009 and was nominated for ONR's Dr. Bisson Prize for Naval Technology Achievement. In 2002, Dr. Osga was awarded SSC Pacific's Lauritsen-Bennett award for Excellence in Science. He was recognized with the Navy Meritorious Civilian Service Award in 1990. Dr. Osga has one patent awarded and another pending award in innovative human-computer

interface techniques, as well as receiving multiple distinguished publications awards at SSC PAC.

Dr. Osga received his bachelor's of arts degree in psychology from the University of Vermont in 1976. He received his master's degree in 1979 and his Ph.D in 1980, both in human factors psychology at the University of South Dakota.